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(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR DATA CACHING TO REDUCE CHANNEL CHANGE TIMES
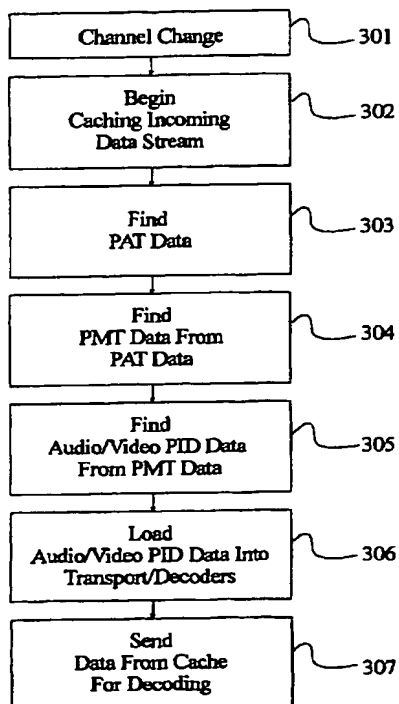
(57) Abstract: An apparatus (100) performs a data caching operation responsive to a channel change event which reduces channel change times. According to an exemplary embodiment, the apparatus (100) includes a cache memory (103) operative to cache an incoming data stream responsive to a channel change command. A processor (101) is operative to find program specific information (PSI) included within the incoming data stream. A decoder (104) is operative to decode the cached data stream responsive to the processor (101) finding the program specific information.

300

Channel Change — 301

Begin Caching Incoming Data Stream — 302

Find PAT Data — 303

Find PMT Data From PAT Data — 304

Find Audio/Video PID Data From PMT Data — 305

Load Audio/Video PID Data Into Transport/Decoders — 306

Send Data From Cache For Decoding — 307

WO 03/088646 A2